

**What Is Claimed Is:**

1. A method of increasing data extraction compatibility for an optical disc drive, comprising:

providing a plurality of extraction parameter sets,  
5 wherein the extraction parameter sets comprise at least a first extraction parameter set and a second extraction parameter set;

using the first extraction parameter set to extract data from an optical disc; and

10 using the second extraction parameter set to extract data from the optical disc if a data extraction error occurs.

2. The method as claimed in claim 1, wherein the first parameter set is dealing with a normal optical disc and the  
15 second extraction parameter set is dealing with an abnormal optical disc.

3. The method as claimed in claim 1, further comprising lowering data extraction speed of the optical disc drive if a number of the data extraction error exceeds a predetermined  
20 value.

4. The method as claimed in claim 1, further comprising assessing the optical disc drive as data extraction failure from the optical disc if the data extraction time exceeds a predetermined period.

5. The method as claimed in claim 1, wherein the extraction parameter sets comprise a specific boosted gain for a 3T frequency signal.

6. The method as claimed in claim 1, wherein the  
5 extraction parameter sets comprise an adjustment of slice level of a normalized RF signal.

7. A method of increasing data extraction compatibility for an optical disc drive, comprising:

providing a plurality of extraction parameter sets; and  
10 selecting one extraction parameter set from the extraction parameter sets to extract data from an optical disc if a data extraction error occurs within a predetermined time period.

8. The method as claimed in claim 7, wherein the  
15 extraction parameter sets comprise one extraction parameter set for a normal optical disc and one extraction parameter set for an abnormal disc.

9. The method as claimed in claim 7, further comprising lowering data extraction speed of the optical disc drive if a  
20 number of the data extraction error exceeds a predetermined value.

10. The method as claimed in claim 7, further comprising identifying the optical disc drive fails to extract data from the optical disc if the data extraction time exceeds the  
25 predetermined time period.

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11. The method as claimed in claim 7, wherein the extraction parameter sets comprise a specific boosted gain for a 3T frequency signal.

12. The method as claimed in claim 7, wherein the  
5 extraction parameter sets comprise an adjustment of slice level of a normalized RF signal.